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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

SHEET 1 OF 5

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Complete if Known					
Application Number	NOT YET ASSIGNED				
Customer Number	36, 309				
Filing Date	7/10/2003				
First Named Inventor	LEE ET AL.				
Attorney Docket Number	THRSP-0002-0001				
Examiner Name	NOT YET ASSIGNED				
	NOT YET ASSIGNED				
Art Unit					

xaminer	Cite No.	Document Number	Publication Date	Name of Patentee or Applicant of Cited Documents	Pages, Cloumns, Lines, Where Relevant Passages or Relevant Figures Appear
nitiais	140.				
ak		US- 4,206,763	06/10/1980	Penderson	All
		US- 4,237,901	12/09/1980	Taenzer	All
		US- 4,484,569	11/27/1984	Driller, et al.	All
		US- 4,748,985	06/07/1988	Nagasaki	All
	 	US- 4,273,127	06/16/1981	Auth et al.	All
		US- 4,784,148	11/15/1988	Dow, et al.	All
		US- 4,850,363	07/25/1989	Yanagawa	All
	1	US- 4,905,672	03/06/1990	Schwarze, et al.	All
	╁	US- 4,913,155	04/03/1998	Dow, et al.	All
	 	US- 4,929,246	05/29/1990	Sinofsky	All
	╁╌	US- 4,931,047	06/05/1990	Broadwin, et al.	All
-+	┼	US- 4,938,217	07/03/1990	Lele	All
-	┼─	US- 4,957,099	09/18/1990	Hassler	All
	┼	US- 5,026,387	06/25/1991	Thomas	All
- 	+-	US- 5,036,855	08/06/1991	Fry et al.	All
_	+	US- 5,080,101	01/14/1992	Dory	All
	+-	US- 5,080,102	01/14/1992	Dory	All
	+-	US- 5,178,135	01/12/1993	Uchiyama et al.	All

		FOREIGN PATE	NT DOCUMENTS	Pages, Cloumns, Lines, Where	Τ-
Examiner Cite	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Relevant Passages or Relevant Figures Appear	Т
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		<u></u>	Date	6/26/06	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.pspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication at www.pspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering. The value of the submitting the completed application from to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of the Commerce. P.O. Box 1450. Alexandria VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents. Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

SHEET 2 OF 5

	uired to respond to a collection of informatio Application Number	NOT YET ASSIGNED
N DISCLOSURE	Customer Number	36309
BY APPLICANT	Filing Date	7/10/2003
B, , 2.0,	First Named Inventor	LEE WENG, ET AL
	Art Unit	NOT YET ASSIGNED
7 2 OF 5	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	THRSP-0002-0001

		NON PATENT LITERATURE DOCUMENTS	r
xaminer nitials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropiate), title of the item (book, magazine, journal, serial, symposium, catolog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Т
SK		SHARAM VASEY, ET AL., "Hemostasis of Punctured Blood Vessels Using High Intensity Focused Ultrasound," Ultrasound in Med.& Biol., Vol. 24, No. 6, pp. 903-910, 1998, USA	
J.		ROY W. MARTIN, ET AL., "Hemostasis of Punctured Vessels Using Doppler-Guided High Intensity Ultrasound," Ultrasound in Med.& Biol., Vol. 25, pp. 985-990, 1999, USA.	
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		Date (26/66	<u> </u>

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

SHEET 3 OF 5

Comp	lete if Known
Application Number	NOT YET ASSIGNED
Customer Number	36, 309
Filing Date	7/10/2003
First Named Inventor	LEE ET AL.
Attorney Docket Number	THRSP-0002-0001
Examiner Name	NOT YET ASSIGNED
Art Unit	NOT YET ASSIGNED

1/1	US- 5,233,994	08/10/1993	Shmulewiz	All
710	US- 5,263,957	11/23/1993	Davison	All
 -	US- 5,243,988	09/14/1993	Sieben et al.	All
} - 	US- 5,290,278	03/01/1994	Anderson	All
+	US- 5,364,389	11/15/1994	Anderson	All
╌┼		01/24/1995	Gershony et al.	All
 	US- 5,383,896	05/16/1995	Taymor-Luria	All
\bot	US- 5,415,657		Koger et al.	All
	US-5,454,373	10/03/1995	Fujio et al.	All
	US- 5,471,988			All
	US- 5,492,126	02/20/1996	Hennige et al.	All
	US- 5,507,744	04/16/1996	Tay et al.	All
	US- 5,630,837	05/20/1997	Crowley	All
+	US- 5,643,179	06/01/1997	Fujimoto	
+ +	US- 5,666,954	09/16/1997	Chapelon et al.	All
╂	US- 5,695,493	12/09/1997	Nakajima et al.	All
-{ }	US- 5,697,897	12/16/1997	Buchholtz et al.	All
+	US- 5,735,796	04/07/1998	Granz et al.	All
╌┥		04/14/1998	Chapelon et al.	All
4	US- 5,738,635	06/09/1998	Law et al.	All
1	US- 5,762,066		Watkins et al.	All
√# I	US- 5,769,790	06/23/1998	AASIVIII2 et al.	

			FOREIGN PATE	NT DOCUMENTS		
Examiner Initials	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Cloumns, Lines, Where Relevant Passages or Relevant Figures Appear	Т
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Examine Signature		Bus Ll		Date Considered	6/26/66	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

SHEET 4 OF 5

Complete if Known		
Application Number	NOT YET ASSIGNED	
Customer Number	36, 309	
Filing Date	7/10/2003	
First Named Inventor	LEE ET AL.	
Attorney Docket Number	THRSP-0002-0001	
Examiner Name	NOT YET ASSIGNED	
Art Unit	NOT YET ASSIGNED	

	US- 5,788,636	07/04/1998	Curley	All
OV-	US- 5,810,810	09/22/1998	Tay et al.	All
-	US- 5,824,015	10/20/1998	Saw yer	All
 	US- 5,827,268	10/27/1998	Laufer	All
	US- 5,873,828	02/28/1999	Fujio et al.	All
		03/16/1999	Driscoll Jr. et al.	All
	US- 5,882,302	05/18/1999	Duarte et al,	All
	US- 5,904,659	09/28/1999	Munro	All
	US- 5,957,849	10/12/1999	Lafontaine et al.	All
	US- 5,964,782		Driscoll Jr. et al.	All
	US- 5,993,389	11/30/1999	Driscoll Jr. et al.	All
	US- 6,083,159	07/04/2000		All
	US-6,007,499	12/28/1999	Martin et al.	All
	US- 6,182,341	02/06/2001	Talbot et al.	
┝═┼	US- 6,206,843	03/27/2001	lger et al.	All
 	US- 6,217,530	04/17/2001	Martin et al.	All
\vdash	US- 6,254,601	07/03/2001	Burbank et al.	All
┝┼╌┤	US- 6,315,441	11/13/2001	King	All
┡╌┼╌┤	US- 6,419,669	07/16/2002	Frazier et al.	All
	US- 6,432,067	08/13/2002	Martin et al.	All
	US- 6,500,133	12/31/2002	Martin et al.	All

Name of Patentee or Applicant of Cited Documents	Pages, Cloumns, Lines, Where Relevant Passages or Relevant	١.
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	Date Considered	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

SHEET 5 OF 5

Comp	lete if Known
Application Number	NOT YET ASSIGNED
Customer Number	36, 309
Filing Date	7/10/2003
First Named Inventor	LEE ET AL.
Attorney Docket Number	THRSP-0002-0001
Examiner Name	NOT YET ASSIGNED
Art Unit	NOT YET ASSIGNED

XT	US- 6,254,601	07/03/2001	Burbank et al.	All
<u> </u>	US- 6,315,441	11/13/2001	King	All
	US- 6,419,669	07/16/2002	Frazier et al.	All
	US- 6,432,067	08/13/2002	Martin et al.	All
+	US- 6,500,133	12/31/2002	Martin et al.	All
	US- 6,562,037	05/13/2003	Paton et al.	All
	US- 6,565,557	05/20/2003	Sporri et al.	All
\rightarrow	US- 6,595,934	07/22/2003	Hissong et al.	All
	US- 2001/0014805	08/16/2001	Burbank et al.	All
}	US- 2001/0044636	11/22/2001	Pedros et al.	All
	US- 2007/0044636	07/18/2002	Andreas et al.	All
	US-2003/0009194	01/09/2003	Saker et al.	All
_		03/13/2003	Ginn	All
-8	US-2003/0050665	03/13/2003	- Carri	

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Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Cloumns, Lines, Where Relevant Passages or Relevant Figures Appear	7
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		Date	6/26/06	
	Foreign Patent Document	Foreign Patent Document Publication Date	MM-DD-YYYY Applicant of Cited Documents	Foreign Patent Document Publication Date MM-DD-YYYY Applicant of Cited Documents Pages, Cloumns, Lines, Where Relevant Passages or Relevant Figures Appear

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		Application No.	10/616,831
	INFORMATION DISCLOS	a Filing Date	July 10, 2003
	STATEMENT BY APPLICANT	First Named Inventor	Lee Weng, et al.
	STATEMENT BY APPLICANT	. Art Unit	3764
	(Multiple sheets used when necessary)	Examiner	Unknown
	SHEET 1 OF 1	Attorney Docket No.	THERUS.005C1

			U.S. PATENT	DOCUMENTS	
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
ak	1	6,425,867	07-2002	Vaezy et al.	
OK.	2	5,601,526	02-1997	Chapelon et al.	
JK.	3	6,488,639	12-2002	Ribault et al.	
OK.	4	6,626,855	09-2003	Weng et al.	

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Examiner Signature	Jame L	Date Considered	6/20	106	
			7.		

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO/SB/08 Equivalent

RMATION DISCLOSURE STATEMENT BY APPLICANT

Application No. 10/616,831

Filing Date July 10, 2003

First Named Inventor Weng, et al.

Art Unit 3764

Examiner Unknown

(Multiple sheets used when necessary)
SHEET 1 OF 1

Attorney Docket No. THERUS.005C1

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	
SIC	1	D389,574	01-1998	Emerson et al.		
TK	2	5,823,962	10-1998	Schaetzle et al.		
TK	3	5,711,058	01-1998	Frey et al.		
ZTK.	4	2004/0158154	08-2004	Hanafy et al.		
ak	5	6,709,392	03-2004	Salgo et al.		
	6			·		
	7					
	8					

			FOREIGN PATI	ENT DOCUMENTS		
Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹
AX	9	WO 99/48621	09-1999	Exogen, Inc.		
	10					
	11					
	12					
•	13					

	NON PATENT LITERATURE DOCUMENTS							
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	τ¹					
SK	14	Kojima, T., <u>MATRIX ARRAY TRANSDUCER AND FLEXIBLE MATRIX ARRY TRANSDUCER</u> , Proceedings of the Ultrasonics Symposium, Vol. 2:649-653 (1986)						
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	16							
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	<u>/</u>		
Examiner Signature	v	Date Considered	6/26/06
*Evamines: Initial if reference consi	dered, whether or not citation is in conform	ance with MPEP 609	Draw line through citation if not

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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